

REMARKS

Favorable reconsideration and allowance of the present application are respectfully requested in view of the following remarks.

Claims 1-3 and 45-51 were pending previous to this Reply. In this Reply, claims 52-78 are added. Therefore, claims 1-3 and 45-78 are pending. Claims 1, 47, 56 and 69 are independent.

Rejections Under 37 C.F.R. § 103

Claims 1-3 and 47-49 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Schneck et al. (USP 5,933,498) in view of Ishiguro (EP 874300 A2) and in further view of the conventional art described in the specification. Applicants respectfully maintain all traversal arguments made in previous replies and request that the rejection be withdrawn.

Claims 45-46 and 50-51 stand rejected under a combination of Schneck and Ishiguro and in further view of Menezes (Handbook of Applied Cryptography © 1997). Applicants respectfully maintain all traversal arguments made in previous replies and request that the rejection be withdrawn.

New Claims

Through a previous Reply filed on December 27, 2005 and this Reply, claims 47-78 are added. All new claims are distinguishable over the cited references individually or in any combination. Applicants respectfully request that the new claims be allowed.

Conclusion

In view of above amendments and remarks, it is respectfully submitted that the present application is now in condition for allowance. Should there be any outstanding matters pending resolution, the Examiner is respectfully requested to contact Hyung Sohn (Reg. No. 44,346), to conduct an interview in an effort to expedite prosecution of the present application.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicants respectfully petition for a two-month extension of time in which to file a reply to the outstanding final Office Action dated September 26, 2005, in connection with the present application and the required fee is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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